

# Alida Mazzoli

## List of Publications by Year in descending order

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35  
papers

1,242  
citations

623734

14  
h-index

552781

26  
g-index

36  
all docs

36  
docs citations

36  
times ranked

1818  
citing authors

#	ARTICLE	IF	CITATIONS
1	Selective laser sintering in biomedical engineering. Medical and Biological Engineering and Computing, 2013, 51, 245-256.	2.8	318
2	Particle size, size distribution and morphological evaluation of airborne dust particles of diverse woods by Scanning Electron Microscopy and image processing program. Powder Technology, 2012, 225, 65-71.	4.2	144
3	Mechanical behaviour and thermal conductivity of mortars containing waste rubber particles. Materials & Design, 2011, 32, 1646-1650.	5.1	115
4	Characterization of lightweight mortars containing wood processing by-products waste. Construction and Building Materials, 2016, 123, 281-289.	7.2	85
5	Characterization of an aluminum-filled polyamide powder for applications in selective laser sintering. Materials & Design, 2007, 28, 993-1000.	5.1	82
6	Direct fabrication through electron beam melting technology of custom cranial implants designed in a PHANTOM-based haptic environment. Materials & Design, 2009, 30, 3186-3192.	5.1	74
7	Evaluation of the early-age-shrinkage of Fiber Reinforced Concrete (FRC) using image analysis methods. Construction and Building Materials, 2015, 101, 596-601.	7.2	70
8	Binders alternative to Portland cement and waste management for sustainable constructionâ€™part 1. Journal of Applied Biomaterials and Functional Materials, 2018, 16, 186-202.	1.6	57
9	Selective laser sintering manufacturing of polycaprolactone bone scaffolds for applications in bone tissue engineering. Rapid Prototyping Journal, 2015, 21, 386-392.	3.2	49
10	Binders alternative to Portland cement and waste management for sustainable construction â€™ Part 2. Journal of Applied Biomaterials and Functional Materials, 2018, 16, 207-221.	1.6	45
11	Palatal Volume Following Rapid Maxillary Expansion in Mixed Dentition. Angle Orthodontist, 2010, 80, 153-159.	2.4	37
12	Particle size, size distribution and morphological evaluation of glass fiber reinforced plastic (GRP) industrial by-product. Micron, 2014, 67, 169-178.	2.2	30
13	Application of Optical Digitizing Techniques to Evaluate the Shape Accuracy of Anatomical Models Derived From Computed Tomography Data. Journal of Oral and Maxillofacial Surgery, 2007, 65, 1410-1418.	1.2	22
14	A method for performance evaluation of RE/RP systems in dentistry. Rapid Prototyping Journal, 2010, 16, 345-355.	3.2	21
15	Shielding effectiveness statistical evaluation of random concrete composites. , 2016, , .		10
16	A Procedure for Designing Custom-Made Implants for Forehead Augmentation in People Suffering from Apert Syndrome. Journal of Medical Systems, 2020, 44, 146.	3.6	10
17	Strength distribution on TMJ using mandibular advancement device for OSAS treatment: a finite element study. Dental Cadmos, 2018, 86, 757.	0.1	10
18	Selective laser sintered mould for orbital cavity reconstruction. Rapid Prototyping Journal, 2019, 25, 95-103.	3.2	9

#	ARTICLE	IF	CITATIONS
19	Preliminary results on the use of a noninvasive instrument for the evaluation of the depth of pigmented skin lesions: numerical simulations and experimental measurements. <i>Lasers in Medical Science</i> , 2010, 25, 403-410.	2.1	7
20	Mechanical Behaviour and Thermal Conductivity of Mortars with Waste Plastic Particles. <i>Key Engineering Materials</i> , 2011, 466, 115-120.	0.4	7
21	Shielding effectiveness evaluation of densified-small-particles (DSP) cement composite. , 2008, , .		6
22	Preliminary simulation model toward the study of the effects caused by different mandibular advancement devices in OSAS treatment. <i>Computer Methods in Biomechanics and Biomedical Engineering</i> , 2018, 21, 693-702.	1.6	6
23	Comparison of the Effects Caused by Three Different Mandibular Advancement Devices on the Periodontal Ligaments and Teeth for the Treatment of Osa: A Finite Element Model Study. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 6932.	2.5	6
24	Mechanical, durability, depolluting and electrical properties of multifunctional mortars prepared with commercial or waste carbon-based fillers. <i>Construction and Building Materials</i> , 2021, 283, 122768.	7.2	6
25	DSP cement composites for electromagnetic shielding: practice and experimental analysis. , 2009, , .		4
26	Orbital Wall Reconstruction by Selective Laser Sintered Mould. , 2017, , .		3
27	HoloLens 2 for Maxillofacial Surgery: A Preliminary Study. <i>Lecture Notes in Mechanical Engineering</i> , 2022, , 133-140.	0.4	3
28	Use of MIMICSA® software in three-dimensional cephalometric evaluation of soft tissues of the face. <i>Computer Methods in Biomechanics and Biomedical Engineering: Imaging and Visualization</i> , 2017, 5, 3-15.	1.9	2
29	Design of a Custom-Made Cranial Implant in Patients Suffering from Apert Syndrome. <i>Proceedings of the Design Society International Conference on Engineering Design</i> , 2019, 1, 709-718.	0.6	2
30	Methodology for evaluating effects of mandibular advancement devices in treating OSAS. <i>International Journal on Interactive Design and Manufacturing</i> , 2021, 15, 91-94.	2.2	1
31	Sustainability in Construction Materials: From Waste Valorization to Circular Economy. , 2019, , 279-296.		1
32	Evaluation of the Effects Caused by Mandibular Advancement Devices Using a Numerical Simulation Model. <i>Lecture Notes in Mechanical Engineering</i> , 2021, , 101-107.	0.4	0
33	Preliminary Considerations on the Design of Multi-layered Bone Scaffold for Laser-Based Printing. <i>Lecture Notes in Electrical Engineering</i> , 2022, , 195-204.	0.4	0
34	Three-Dimensional Diagnosis and Visualization Supports in Orthodontics Based on Reverse Engineering and Solid Free-Form Fabrication Techniques. , 0, , .		0
35	Selection Of Suitable Materials And Manufacturing Of A Recyclable And Eco-Friendly Children's Footwear. , 0, , 289-294.		0